

# SENSOR | OQSX-G2

Product No.: OQSXG2-I-DD-02-5



## PRODUCT DESCRIPTION

OQSx-G2 is the world's most advanced real-time oil condition sensor delivering unique insight into the status of your equipment, enabling significant operating cost reductions through maintenance optimisation, advanced fault detection and reduced waste.

OQSx-G2 is powered by our proprietary FSH™ core technology which combines real time oil condition analysis with data analytics. The electro-chemical properties of oil are continuously analysed to an accuracy of 0.001% generating high quality raw data, which is then processed using our advanced analytics. This enables OQSx-G2 to accurately detect and measure all wear, contamination and failure modes and reliably inform you when equipment requires maintenance.

OQSx-G2 can be easily installed on any equipment, operating in any environment, with any oil type.

## KEY FEATURES

### • FULL SPECTRUM HOLISTIC (FSH™)

Unique capability to detect and measure all and any wear and contamination - water, acid, fuel, viscosity, different oil types, carbon, particles etc.

### • ANALYSIS ACCURACY

FSH technology analysis, detects and measures changes in the electro-chemical properties of live oil in real time down to 0.001% (10ppm) change sensitivity. Unmatched raw data quality.

### • REAL-TIME

Continuously analyses and reports oil condition on operating equipment and reports oil condition every seconds.

### • ROBUST & RELIABLE

Proven around the world for use in even the most extreme industrial and commercial applications.

### • EASY TO INSTALL

Quick and easy to install on any equipment with plug & play integration with any existing data reporting and display systems.

## BENEFITS

Tan Delta advanced oil condition monitoring provides a new level of equipment condition insight resulting in reduced operating and ownership costs through a combination of, optimised maintenance scheduling, advanced fault detection, longer equipment life and reduced waste.

### • MAINTENANCE OPTIMISATION

Eliminate unnecessary time based maintenance, through optimised maintenance scheduling according to actual equipment need and maintenance condition.

### • ADVANCED FAULT DETECTION

Detect early signs of issues before equipment damage to enable pre-emptive maintenance and reduce breakdowns.

### • ENVIRONMENTAL (ESG)

Reduce waste, extend equipment life, increase equipment productivity and efficiency. Reduce carbon footprint.



